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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On 29 Jan. 2007

TOWNSEND and TOWNSEND and CREW LLP

By: Malinda Adams

PATENT

Attorney Docket No.: 020130-001510US

Client Ref. No.: MJP0017

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

VANDER HORN and WANG

Application No.: 10/627,582

Filed: July 25, 2003

For: NOVEL COMPOSITIONS WITH  
POLYMERASE ACTIVITY

Customer No.: 20350

Confirmation No. 3008

Examiner: Richard G. Hutson

Technology Center/Art Unit: 1652

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 28, 2006, please enter the following amendments and remarks. Enclosed herewith is a petition and fee authorization for a three-month extension of time.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 7 of this paper.